203 797 2544

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Jose I. Arno

Title

Infrared Thermopile Detector System For Semiconductor Process

Monitoring and Control

ATMI LEGAL DEPT

U.S. Serial No.:

10/623,244

Filing Date:

July 18, 2003

Group Art Unit:

2812

Examiner:

TBA

CERTIFICATE OF FACSIMILE

I hereby certify that this document is being facsimile transmitted pursuant to Facsimile No. 703-872-9306 37 C.F.R. 1.6(d) on the date indicated below and is addressed to: Commissioner for Patents,

P.O. Box 1450, Alexandria, VA 22313-1450.

Lee Ann DiLello

me of Person Mailing/Faxing Decument

Signature

March 15, 2004

Date

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

PRELIMINARY AMENDMENT

Sir:

Prior to examining the instant application on the merits, please amend the claims to read as follows.